EPISODE 3

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MARVEL STUDIOS
Presents

A
KEVIN FEIGE
Production

MARVEL STUDIOS

ECHO

Directed by ..... CATRIONA MCKENZIE
Teleplay by ..... MARION DAYRE
and KEN KRISTENSEN
Story by ..... KEN KRISTENSEN
and JASON GAVIN
and SHOSHANNAH STERN

BASED ON THE MARVEL COMICS

Executive Producers ..... KEVIN FEIGE
STEPHEN BROUSSARD
LOUIS D'ESPOSITO
BRAD WINDERBAUM
VICTORIA ALONSO
RICHIE PALMER
JASON GAVIN
MARION DAYRE
SYDNEY FREELAND
Co-Executive Producers ..... AMY RARDIN
JENNIFER L. BOOTH
Line Producer ..... JASON TAMEZ
Director of Photography ..... MAGDALENA GORKA, ASC
Production Designer ..... CHRIS TRUJILLO
Edited by ..... AMELIA ALLWARDEN
SHELBY HALL
TANIA GODING

Unit Production Manager ..... JOHN BURTON WEST
First Assistant Director ..... NARBEH NAZARIAN
Second Assistant Director ..... CODY WILLIAMS
Costume Designers ..... AMBRE WRIGLEY
STACY CABALLERO-FOUSHEE
Visual Effects Supervisors ..... JOHN HALEY
KAREN HESTON-PECK
Visual Effects Producers ..... TRICIA PIFER
JOE GREENBERG
Music by ..... DAVE PORTER
Music Supervisors ..... DAVE JORDAN
JUSTINE VON WINTERFELDT
Casting by ..... SARAH HALLEY FINN, CSA
KRISTA HUSAR, CSA

Georgia

This project was completed with assistance from the Georgia Film Office, a division of the Georgia Department of Economic Development

Second Unit Directors ..... MARC SCIZAK
PAUL JENNINGS
Supervising Producers ..... ELEENA KHAMEDOOST
CHRISTINA D. KING
KEN KRISTENSEN
Consulting Producer and ASL Master ..... DOUGLAS RIDLOFF
Consulting Producers ..... CHANTELLE M. WELLS
JESSICA MECKLENBURG
DARA RESNIK
Co-Producer ..... JOSH FELDMAN
Executive Story Editors ..... STEVEN PAUL JUDD
SHOSHANNAH STERN
BOBBY WILSON
REBECCA ROANHORSE
Visual Development Supervisor ..... RODNEY FUENTEBELLA
VP Visual Effects ..... ERIC SCOTT
VP Post Production ..... JON GOLDSMITH
Supervising Sound Editors ..... CHRIS GRIDLEY
JON BORLAND
Re-Recording Mixers ..... KAROL URBAN, CAS
CHRISTOPHER BARNETT
Creative Finishing Supervisor ..... EVAN JACOBS
Score Supervisor/Supervising Music Editor ... ANELE ONYEKWERE
Consulting Producer ..... SARAH HALLEY FINN

CAST

Maya Lopez ..... ALAQUA COX
Henry Black Crow Lopez ..... CHASKE SPENCER
Skully ..... GRAHAM GREENE
Chula ..... TANTOO CARDINAL
Bonnie ..... DEVERY JACOBS
Biscuits ..... CODY LIGHTNING
Wilson Fisk/Kingpin ..... VINCENT D'ONOFRIO
Zane ..... ANDREW HOWARD
Victor "Vickie" Tyson ..... THOMAS E. SULLIVAN
Chen-Ke ..... WILLIAM BELLEAU
Tuklo ..... DANNIE MCCALLUM
Taloa ..... KATARINA ZIERVOGEL
Lowak ..... MORNINGSTAR ANGELINE
Young Chula ..... ISABELLA MADRIGAL
Grace ..... ERIN OWNBEY
Brigitte ..... LINDSEY MOSER

Caroline ..... GERALDINE KEAMS
Lighthorsemen ..... ERIC VANARSDALE
LUCAS HOGUE
DOUG FITZGERALD
GRAYWOLF HERRERA
Carter ..... DONTE WALKER
Walker ..... TIM NEFF
Bandits ..... ADAM HORWITZ
JOHN ROSS
KADE PITTMAN
NICK DEKAY
SHAUN VICKERS
Ancestors ..... BRAYDEE CARDINAL
SETH FAIRCHILD
Militia Mommy Podcaster ..... SHELBY HALL

Stunt Coordinator ..... MARC SCIZAK
Co-Stunt Coordinator ..... KEITH CAMPBELL
Key Stunt Rigger ..... KYLE WEISHAAR
Fight Coordinators ..... LOYD BATEMAN
MIKE WILSON
Asst. Fight Coordinator ..... CHRISTOPHER TROY
Stunt Office Administrator ..... CHRIS NAYLOR
Maya Stunt Double ..... CAITLIN DECHELLE
Vickie Stunt Double ..... JOSH MABIE
Zane Stunt Double ..... COURTLAND FULLER
Tuklo Stunt Double ..... AYAMI SAKAEDA
Chen-Ke Stunt Double ..... RODNEY RONDEAUX
Maya Motorcycle Double ..... DENA SODANO
Bonnie Stunt Double ..... MEGAN DOVELL
Brigitte Stunt Double ..... MEREDITH RICHARDSON
Chen-Ke Riding Stunt Doubles ..... DOUG FITZGERALD
DUKE JACKSON
Grace Stunt Double ..... JULIENE JOYNER

Stunt Performers

KEITH ADAMS — HENRY AMOS
STEVEN ATKINSON — BEN AYCRIGG
DEXTER BELL — DERRICK BURBAGE
BRYANT BURNETT — PETER CHANSEYHA
JEFFERSON COX — CAMERON EARLY
JUSTIN EATON — MIKE ENDOSO
MARK FISHER — DEAN GRIMES
ADAM HART — JT HOLT
BOBBY JAMES — KIRK JENKINS
KARIN JUSTMAN — CYRUS LEISY
RYAN MARI — TAYLOR MCDONALD
SPENCER MULLIGAN — MATT MURRAY
TRAVOR MURRAY — JOHN NANIA
CHRIS NAYLOR — ATHENA PERAMPLE
LLOYD PITTS — DIGNEY POZO
RYAN RASBERRY — GREG DELA RIVA
CODY ROBINSON — STEVEN RODRIGUEZ
JORDAN SCOTT — BRANDON SHAW
BRUCE SHEPPERSON — PAUL TRUNZ
JOLENE VAN VUGT — WILLIAM WEBER

Stand-Ins ..... MANOEL VASCONCELOS
MARIA ALMENDROS
HOPE JORDAN
LENNOX SEWNATH
JON HUNT

Supervising Art Director ..... SEAN BRENNAN
Set Decorator ..... MELISA JUSUFI

Art Directors ..... LAUREN ABIOUNESS
CHRIS YOO
ERIC JOHNSON
Assistant Art Directors ..... ALAN LAMPERT
JAIME MARIN
Concept Illustrators ..... MATTHIAS BEEGUER
LAURENT BEN-MIMOUN
Lead Set Designer ..... THOMAS MACHAN
Set Designers ..... CHRIS McGEE
MEGAN NARDUZZI
Art Department Coordinator ..... ADDIE BABCOCK
Digital Asset Manager ..... CHASE KLIBER
Specialist Set Designer ..... CHRISTOPHER WARD
Graphic Designer ..... JAMES HALL
Art Department Production Assistants ..... GRACIE SCHRECENGOST
BAILEY GATES
Storyboard Artists ..... JEREMY SIMSER
SIMEON WILKINS
SHERMAN KEW
ED LAROCHE
AARON SOWD

Head of Visual Development ..... RYAN MEINERDING
Visual Development Managers ..... HOLLY MYER
AJ VARGAS
Visual Development Coordinator ..... KELLY BURROUGHS
Visual Development Concept Artist ..... WINONA NELSON

Visual Development Concept Illustrators

NAOMI BAKER — KEITH CHRISTENSEN
IAN JOYNER — ANDREW KIM
JOSH NIZZI — MUSHK RIZVI
PHIL SAUNDERS — JANA SCHIRMER
HENRIK TAMM — MICHAEL UWANDI

A Camera/Steadicam Operator ..... NICK MULLER
A Camera First Assistant ..... ETHAN MCDONALD
A Camera Second Assistant ..... NICHOLE FIREBAUGH
B Camera Operators ..... BRIGMAN FOSTER-OWENS
HUGH BRASELTON
B Camera First Assistants ..... DWIGHT O. CAMPBELL
ADAM CASTRO
B Camera Second Assistants ..... ALEX WATERS
MIKE FITZGERALD
PAUL SANDERS
C Camera Operator ..... JOE ALLEGRO
C Camera First Assistant ..... MICHAEL FISHER
C Camera Second Assistant ..... KYLE FORD
Loaders ..... TOREY LENART
COREY BLAKE
Utility ..... JACK WACHTEL
Digital Imaging Technician ..... DANIEL HERNANDEZ
Crane Operator ..... PATRICK BARNES
Crane Technician ..... RORY BONNIN
Still Photographer ..... CHUCK ZLOTNICK
Drone Pilot ..... LOUIE NORTHERN
Drone Camera Operators ..... JON MYERS
DEKE KEENER

Drone Visual Safety ..... TRAVIS STEELE
Drone Utility ..... ADAM RIOUX
ZACH COST
Drone Camera First Assistant ..... JOSH GARY

Post Production Supervisors ..... KRISTI URIBES
JEN BERGMAN

First Assistant Editors

MCKENNA COOK — ISABELL C. VEGA
TAYLOR C. ERVIN — MATTHEW BARTON

Second Assistant Editors

ANEESA MEADOR — ANDRÉS GAONA
HANNAH ANAYA — IVAN MOUTINHO
MATTHEW FARRUGIA — JENNY LINDAMOOD
TOJ MORA

Apprentice Editor ..... GERI INGALL
Post Production Coordinators ..... LAURA QUINTELA
MARIAM YACOUB
Music Editors ..... ANNLIE HUANG
ERIC WEGENER
ROGER KOSTECK
Assistant Music Editors ..... KRYSTAL JOHNSON
REBECCA SHRAND
Apprentice Music Editor ..... ZACHARY OLSON
Music Editorial Coordinator ..... ASHLEY ALMADA
Supervising Marketing Editor ..... CRAIG TANNER

VFX Marketing Editors

DAVID BLACK — IAN MCCLARREN
GEOFF MURILLO — RYAN O'SULLIVAN
MIKE STONE — AMANDA WOODS

Editorial Production Assistants

TATYANA ARAVENA — ALEX TOMEO
JOSH TENEN — CASE CONNER
JAMIR WHITE — JANSSEN SWENT

Head of Finishing ..... MORNING STAR SCHOTT

Finishing Production Manager ..... THEA WARREN
Finishing Colorist ..... MATT WATSON
Finishing Color Assistants ..... KAELA BROWN
BRIAN CHANDLER
Finishing Data Technician ..... YESOD STONE
Finishing Conform Editors ..... HR BARNETT
DAVID CHRISTENSON
Production Assistant ..... ELIZABETH MOGAYZEL

Additional VFX Supervisor ..... SANDRO BLATTNER
On-Set VFX Supervisors ..... DAN AKERS
KEVIN RAFFERTY
JESSICA CHAMBERLIN
VFX Editor Lead ..... MICHAEL KAMENS

VFX Editors

KOSTA SARIC — ZEKE MORALES
TYLER WHITMAN — ERIC STAPF
ANDREW VONA — RON SOUTH
VFX Assistant Editor ..... MARIALYSE VEGA MARTINEY
VFX Production Managers ..... DENNIS MURILLO
JULIE BROWN
VERA BENNETT
On Set VFX Production Manager ..... MATT EBERLE
VFX Inhouse Artist ..... IAN GLAUM
VFX Accountants ..... LANEESA LANIER
TONI MESSERVEY
Assistant VFX Accountant ..... RYAN GRAY
VFX Payroll Accountant ..... JOSHUA PHILLIP-HUMMEL

VFX Coordinators

STEVEN BAKER — SARAH KAZUKO CHOW
PATTY HAYES — HANK KILGORE
TATE PUCHER — KELVIN BARROS ANDRADE
HELEN CHHEA

Additional VFX Coordinators

MIKAEL BETRU — CAROLYN NEWES
ASHLEY NIZICH — AMBER WEST
SAMANTHA MACDOUGALL

VFX Production Assistants

RYAN SALAS — VINCENT CASCIANI
NICOLE CASTILLO — BRIAN ELLIS
COOPER ERNST — LEONARD PEREZ
Data Wranglers ..... CASSIE ESPINOZA-OGDEN
CALVIN GREER
THOMAS HARRIS
Junior Data Wranglers ..... CAMERYN DAVIS
IAN BRUNEAU
VFX Witness Camera Operators ..... NIARA SIMONE ROBINSON
KALEE GRIFFIN
ANDREW JURKA
On-Set VFX Intern ..... KEVIN CESPEDES

Production Supervisor ..... AMY CHANCE
Production Coordinator ..... MK MARTIN
Assistant Production Coordinators ..... ANDY SIRAVANTA
GABRIELLE CORNISH
Travel Coordinator ..... KALYNN LITTLETON
Production Secretaries ..... BETHANY COHEN
VASHTI POWELL
Physical Asset Manager ..... ALEXANDRA HALE
Asset Warehouse Coordinator ..... TIM WHITEHEAD
Physical Asset Assistant ..... ALEXA MANUEL
Environmental Steward ..... FRANK AMOROSO
Second Second Assistant Director ..... MEGAN MORRISON

Additional Second Assistant Directors ..... RILEY FLANAGAN
MEAGHAN GILLENWATER
ADAM LEE
Key Set PA ..... DAN DIRKS
Health & Safety Manager ..... ALEXANDRA CASTELLANOS
Health & Safety Supervisors ..... TANEISHA POLK
TAYLOR THOMPSON
Script Coordinator ..... EVA TAYLOR
Script Supervisor ..... DEA CANTU
On-Set ASL Recordist ..... KYLE KING
Lead ASL Interpreter ..... AMANDA GRAZIAN

Production Assistants

ROBERT ADAMES — MARTHA ANGER
RAPHAEL BUHAY — STEPHANIE CHUAH
DOT DADOUN — ASHLEY DICKEY
DEVIN ELLERY — TREY MCPHAUL
MIKE RICHARDS — CHARLIE SURGENT
BRIDGET WEST

Health & Safety

JALYNN ADAMS
LISA BRYANT
KADEEM GILL
KYLE GORDON
JASLYN HARRIS
PRESTEN JACKSON
DREW LUCIANI
JOEL NELSON
LAWRENCE OFILI
MARCUS SAMPSON
GABE SUGARMAN
SIMONE WEBSTER
KYLIE WITTMER
MARCUS BANKS
AVERY COLVIN
SENETTA GLENN
LONDON HAMMOND
BLAKE HUGHES
LAUREN LAVERE
DEVIN MCKAY
NAKESHA NJIE
ERIN PARKER
EVA SEQUENS
RASHEEM TIDWELL
OCEANN WASHINGTON

Production ASL Interpreters ..... ASHLEY CHANGE
HENRY ETSITTY
AMANDA SHANNON

Production Controller ..... RICHARD CASTRO
Production Accountant ..... JEFFREY NEUMEIER
First Assistant Accountants ..... MATT DIGENNARO
LINDSEY ELLIS
CHERI HALL

Second Assistant Accountants

ZACH BRADFORD
ANITA LAGRAFF
DANIEL STANLEY
ANNA BUTTERMORE
SCOTT SCHREIBER
NICHOLAS WAGGONNER

Accounting Clerks ..... CHRIS FLIPPO
KRISTEN STEADHAM
JOHN UNDERWOOD
Marvel Streaming Accountant ..... DANIELLA LAGRAFF
Marvel Streaming Assistant Accountant ..... CURT KUTSCHER
Key Payroll Accountant ..... KIRSTEN SHORT
Payroll Accountant ..... TYLER HANSEN
Assistant Payroll Accountant ..... TAYLOR WARD
Above-the-Line Payroll Accountant ..... BLAKELY CLARK
Payroll Clerk ..... KIAUNNA KING
Construction Accountant ..... JIM SCAIFE
Construction Second Assistant Accountant ..... MONTAE REED
Construction Payroll Accountant ..... MIKE REGINA
Construction Payroll Assistant ..... SAVANNAH MARTIN
Construction Clerk ..... ELIZABETH UNDERWOOD
Choctaw Nation of Oklahoma Team ..... TERESA BILLY
IAN THOMPSON
SETH FAIRCHILD
STACY SHEPHERD
STACY HALFMOON
IllumiNative ..... EMI AGUILAR
CRYSTAL ECHO HAWK
JESSICA MCEVER
LEAH SALGADO
Cultural Coordinator ..... PESHAWN BREAD
SFX Supervisor ..... DAN SUDICK
SFX Foreperson ..... JOEL MITCHELL
SFX Coordinator ..... MARC BANICH
Pyro Supervisor ..... BRUCE MERLIN
Pyro Foreperson ..... CHRIS JOHNSON
SFX Accountant ..... CHAD WEAVER
SFX Buyer ..... JOAQUIN GONZALEZ
SFX Plaster Foreperson ..... TRAVIS HERITAGE
Design Technician ..... ETHAN CARNEY
SFX Moldmaker ..... DANIEL GREGORY
SFX Toolpersons ..... RUSTY HICKMAN
JOEL LANKFORD

SFX Technicians

DAVID HERON
JEFF KNOTT
JOSH MITCHELL
NICK NOLAN
JOEL STUDER
JARED FLEURY
STEPHEN KNOTT
MATT MCDONNELL
CARLOS PARK
THOMAS ZELL
Property Master ..... RUSSELL BOBBITT
Co-Property Master ..... JIM STUBBLEFIELD
Assistant Property Master ..... ASHLEE KYKER
Property Buyer ..... ADRIANNE SKRZYPEK
Property Accountant ..... KRISTI KING
Property Assistants ..... GRANT OGDEN
ERIN CHOROSZYLOW
LAURA LESTER
Property Coordinator ..... KRISTEN TATUM
Property Administrator ..... KELSEY HICKS
Property Warehouse Manager ..... KURT ST. JEAN
Leadperson ..... PAUL DETLEFSON
Assistant Set Decorator/Set Dec Buyer ..... MELISSA ARCARO
Set Dec Coordinator ..... JESSICA BAKER
Set Dec Buyers ..... MOLLIE ALEXANDER
TANYA WEBB
On-Set Dressers ..... CRAIG JOHNSON
ALICIA MARCHAND
Shop Foreperson ..... ZACHARY BARRETT
Set Decoration Fabricator ..... ROBERT SADAKA
Upholsterer ..... DAVID DUNGAN
Set Decoration Gangbosses ..... KYLE HOWSER
PARKER MORRIS
ROBERT SACCENTI

Set Dressers

MICHELE ANDERSON
CHRISTINE COOK
MATT PARKER
MATT HALLADAY
SYD HOWELL
DAVID MEAD
ADAM SCARBROUGH
PAUL TYSON
TERRY COLLINS
WILL EGAN
KHALIL GEORGE
THADDEUS HIGGINS
CHRIS MCGLAMERY
KASHIEF MOBARA
ANDREW SHEFF

Set Decoration Production Assistants ..... KATO LAWTON
NIKKI BLASI
SARAH IMLER
MACKENZIE BEARD
Animal Trainers ..... GREG TRESAN
CAROL TRESAN
JOHN MATTHEW CASEY

Production Sound Mixer ..... CHRIS GILES
Boom Operator ..... JARED WATT
Sound Utility ..... BRITTANY MYERS
Music Playback ..... JOHN MASKEW
Video Assist Operator ..... JESSE OLIVARES
Additional Video Assist Operator ..... JORDAN ELEY
Video Utility ..... CESWANNE LEWIS
Computer/Video Supervisor ..... ALEXANDER SEARS

Computer/Video Playback.....CHRIS ADAMS

Chief Lighting Technicians.....CARLOS BAKER
BOB BATES
Assistant Chief Lighting Technician ..... JERRY WHEAT
Lighting Console Programmer.....MATT KLANN
Rigging Console Programmers ..... ANTHONY COBB
MICHAEL KLANN
Fixtures Foreperson.....JOEL WARREN
Fixtures Best Boy..... JASON WHITE
Fixtures Technicians..... JUSTIN BROCK
PETE KLINGENBURG
Rigging Chief Lighting Technician ..... TOM FENDLEY
Rigging Assistant Chief Lighting Technician.....BRITT REGAN
Rigging Electric Forepersons ..... RICHARD HICKS
MATTHEW BARNES
Lighting Network Foreperson .....NICHOLAS COOGAN
Lighting Network Technicians .....JEFFREY REID ANDREWS
NIKOLAS LOPEZ
Basecamp Electrician.....JIMMY HERRING
Lighting Technicians .....FROY MADRIGAL
HAILEY HANNIGAN
ED O'HARE
CHRIS PAULINA
CORNELIUS WILLIAMS

Rigging Electricians

RON BETTS — JACKSON FLYNN
FERNANDO GARCIA — JAMES HASHIMOTO
CARSON MAYNE — DEREK NOEL
PATRIC WILSON — RYAN BASSO
TYRELLE BROWN — AUSTIN BRYAN
MATTHEW CULLEN — IVAN GUIDEN
ERIC ZACHARY FORD — SEAN HELPER
MATTHEW HODGE — STEVEN KENNEDY
ALEX LENNEMAN — LATRONN LEWIS
CAMERON PUGH — KYLE RIPLEY
ALEXANDER WHARTON — DARIELLE WILLIAMS

Fixtures Technicians..... STEVEN HARALSON
JUSTIN BROCK

Key Grip ..... RUDY COVARUBBIAS
Best Boy Grip .....ROBERT KRAFT III
A Dolly Grip..... RALPH SCHERER
B Dolly Grip.....CRAWFORD RUSSELL III
Patriot Car Driver.....MATTHEW BERNING
Key Rigging Grips..... JERRY SANDAGER
FERNANDO FRAUSTO
Best Girl Rigging Grip .....LAUNCELLE BUSTAMANTE
Rigging Grip Forepersons ..... TOMMY DONALD
JASON HAYNES
MICHAEL TRAVERS
Stratus Rig Technician..... JUSTIN HARD
Stabilized Head Technicians .....ROCKY BABCOCK
CHRIS DAWSON
Grips .....JOSH GRAINGER
DANNY COOPER
CONOR DAILY
JEROME NORMAN
ADOLPH STEELE

Rigging Grips

JOHN BARBER — RYDER CLEGG
HANNAH GORDON — MITCHELL K HOBBY
ERIK KABIGTING — HANNAH LANDIS
DANNY PANGBURN — MALIK PAYNE
BRITTANY BLANTON — MITCHELL HOBBY
CHRIS MOORE — RYAN RICHARDSON
JAMES STILL — DIANA SUSTAITA
BRIAN WILLIAMS

Supervising Location Manager ..... RYAN SCHAETZLE
Key Assistant Location Managers .....KYLE CAREY
JOHNNY CHEN
ANDREA KEENER
SAMANTHA MERTEN
Assistant Location Manager/H&S ..... RICKY TYREE
Location Coordinator ..... SLEAN PEAVY
Location Scouts.....RENEE BROCK
JAMES BRADLEY SMITH

Assistant Location Managers

MIKE CAVE — EMORY HESTER
BRANDON PEARSON — REID PITTMAN
HANNAH SHLAPAK — EMILY ORAMA

Location Production Assistants

THOMAS BATLINER — NATE GORDON
DANIEL HOLTZCLAW — EVAN KINGSFIELD
ANDREW ROBERTS

Assistant Costume Designers.....KIZZIE MARTIN LILLAS
KRISTINA ELAINE TAYLOR
Costume Supervisor .....AMANDA STEELEY
Key Costumer..... LAUREN DRISKILL
Key Background Costumers ..... ANDREW PATTERSON
JENNIFER KAMRATH
Set Costumers ..... JUSTIN ARMER
RIKI LECOTEY
MICHAEL LUTZ
CAITLIN MCCRAW
BENJAMIN GIBICSAR
Truck Costumer..... MOLLY KAMRATH
Costume Coordinator .....KAITLYN MARGARET SMITH
Head Ager/Dyer..... KEITH HUDSON
Ager/Dyer ..... CAITLEY SYMONS
Head Cutter/Fitter..... BEN WALSH
Shoppers .....QUEENESHA GREGORY
VALERIA CHELALA
LA'TARCIA RILEY
Costumers..... RYAN DEMPSEY
JESSIE AIKEN
JACOB COOPER
REGINE LINHARES

Costumers (LA) .....RACHEL SORIANO
SARAH CREAGER
SHANNA KNECHT
Stitchers.....SAMANTHA KINGSLAND
SOPHIA PARRISH
KEUMJA JULIE SHIN
REBECCA SHOEMAKER

Costume Production Assistants ..... ANNA MARIE SCHREIBER
CHRISTINA WEBLING
CASTIELLA LOMAS

Hair Department Head ..... MICHELLE DIAMANTIDES
Key Hairstylist ..... TRACI WALKER
Hairstylists ..... AISHA RUSSELL
TIM BLACKBURN
Bushto Background Supervisor ..... LOUISA ANTHONY
Makeup Department Head ..... JILLIAN ERICKSON
Key Makeup Artist ..... DEVIN MORALES
SFX Makeup Artist (Ancestors) ..... JONAH LEVY
Makeup Artists ..... JESSICA CRAIG
KELSEY BOUTTE
ADAM WALLS

Atlanta Casting by ..... TARA FELDSTEIN BENNETT, CSA
and CHASE PARIS, CSA
Casting Associate (LA) ..... JACQUELINE GALLAGHER, CSA
Casting Assistant (LA) ..... GREGORY KORN
Executive Assistant to Ms. Finn ..... ADYLENE VILLANUEVA
Casting Assistant (ATL) ..... TASHA WARD
Extras Casting Manager ..... TONY AVALOS
Associate Extras Casting ..... MARYMARGARET O'NEILL
Unit Publicist ..... JOHN PISANI
EPK Producer ..... KYLE LEONARD
BRAD BARUH
EPK Sound ..... DANIEL FABER
Indigenous Background Casting by ..... MIDTHUNDER CASTING
FREIHOFER CASTING

Production & Development Manager ..... SAMANTHA VINZON

Executive, Office of Mr. Feige ..... JENNIFER HAMILTON
Executive Assistant to Mr. Feige ..... MELISSA SCICLUNA
Executive Assistant to Mr. D'Esposito ..... BRIANNA DASILVEIRA
Streaming & Animation Executive ..... LIANA OJA
Production & Development Manager ..... MATT WILKIE
Executive Assistant to Mr. Winderbaum ..... CANDICE HORDE
Assistant to Ms. Booth ..... SANJANA CHOWDHURY
Assistant to Mr. Tamez ..... ALEC WITTSCHIEBE
Assistant to Ms. Freeland ..... DONATELA VACCA
Assistants to Ms. Cox ..... KLARISSA WEAVER
CELINE MCDUFFIE
Writer's Assistants ..... ELLEN MORTON
KAITLYN JEFFERS
PALOMA LAMB
Trainer to Ms. Cox ..... ANNE REUSS
Studio Teacher ..... CINDY SHERWOOD

Construction Coordinator ..... MIKE MILLER
Construction Co-Coordinator ..... TONY MEDINA
General Foreperson ..... JEFFREY MCMAHON
Paint Supervisor ..... LARRY CLARK
Purchasing Foreperson ..... ERIC DEYOUNG
Plaster Supervisor ..... ERNEST LOPEZ JR.
Lead Sculptor ..... JAMIE MILLER
Decorator Gangboss ..... BRETT TOMLINSON
Greens Coordinator ..... DANIEL GILLOOLY
Scenic Artist Foreperson ..... RALPH SARABI, JR.
Scenic Artists ..... CHAD HOLBROOK
SAMUEL PACTOL
Sign Writer Supervisor ..... MICHAEL VASQUEZ
Labor Forepersons ..... ALEX AGUILAR
RUBEN LAHN
AJ URQUIDEZ
Welding Foreperson ..... CALEB PHILLIPS
Millshop Foreperson ..... FREDERICK ROBERTS
Sign Writer Foreperson ..... ARCHER WATKINS
CNC Modeler ..... MARK KLIMKO
Buyer ..... JORDAN WATTS
Tool Foreperson ..... COLE MILLER
On-Set Construction ..... SHANNON MULLINS
Greens Gangbosses ..... KIERAN GILLOOLY
WILLIAM TRIPPE
Stand-by Greens ..... CHASE SHELTON
Paint Forepersons ..... GREG MUSSELMAN
LARRY FARRIS
ELIZABETH HAGGARD
MIKE TORINO

Greens Forepersons

MIKE FLYNN — CARY GOEN
OHN HEMPHILL — LARRY SCOTT
MALLORY SHELTON

Propmaker Forepersons

AMANDO CALHOUN — JEREMY ALAN COOK
JOE COUCH — SETH GARDNER
JOSEPH GRAY — DAVID LONG
WILLIAM MONROE — MICHAEL O'NEAL
DUSTIN PAYNE — BILLY ANDREW WADE

Catering by ..... TONY'S CATERING
Head Chef/Owner ..... TONY KERUM
Chef Driver ..... HOLMES JIM
Chef Assistants ..... WILL ADAN
GARRY NAZAIRE

Catering Assistants

EMELY GUADALUPE ADAN GONZALEZ — ARALIZ SOBERANIS
ESTEFANY YANET RODRIGUEZ — RUBEN RODRIGUEZ VEGA
JORGE LUIS FRAGOSO

Key Craft Service ..... BRYAN SHANK
Supervising Medics ..... DERRON DELANEY
NOAH HOWARD
Craft Service Assistants ..... FATEMEH AMINI
INDIA MARTIN
MICHAEL SAMMOUR
SHELLEY SMITH
Set Medic ..... SHAWN DELANEY
Medics ..... SANFORD BARDEN
MICHELLE STRAUSS
WILLIAM WILSON
Set Security ..... BREA CHILDS
JASON COLLIER
JOHN CULLINS
JACK ROACH
Transportation Coordinator ..... TYSON WEATHERFORD
Picture Car Coordinator ..... KEN GOLDWASSER
Transportation Captain ..... GARY WEATHERFORD
Picture Car Dispatcher ..... RANDI LAYNE
DOT Coordinator ..... GRAHAM READY

Picture Car Mechanics . . . . . BEN BLAZAVICH
CHRIS BRUBAKER
JORGE CASILLAS
DOT Compliance . . . . . SHANNON YOUNG
Transportation Dispatchers . . . . . LANA FISHER
Transportation Production Assistants . . . . . BRETT RENOVA
PARKER CURTIS

Drivers

MICHAEL RENOVA — SHERI BURTON
NORRIS PITTS — ALFRED BOYKIN
RODNEY CURTIS — NIK ALLEN
RODNEY AUTREY — DUMONT CAMP
MANUEL CARLEY — DAVID CATO
RICKEY CROWE — RONNIE DAVIS
KENNETH DOBBS — MIKE DOBBS
CHARLES FARR — DIMITRI FOTOPOLUS
BRIAN GOLDMAN — KEVIN HARGROVE
SHANE HASTY — WAYNE HOGAN
RALPH HOLT — NATE HOWARD
JOEY HUEY — RICK IVEY
DALE JACKSON — KEVIN KELLEY
DONNA KOPACZ — MIKE LOUGHREY
CHARLENE MATTHEWS — GUS NEWTON
RAYMOND ODELL — ROBERT OXFORD
TRACY OXFORD — PHIL PARR
VICTOR PULLIAM — GAYLE RAWLINS
MIKE RODGERS — MITCH SEIGLER
AARON SMITH — KRISTIN SMITH
SHERRY STANLEY — KEVIN STONE
CHARLES TENNEY — MARSHALL TRUMPOUR, JR.
MARSHALL TRUMPOUR, SR. — DERRELL TWEEDELL
RAYMOND VICOS — TABITHA WALKER-ROGERS
TIM TWEEDELL — MATTHEW WATSON
ROBBY WELLS — TRAVIS WELLS
HELEN WESTBROOK — COUNTESS WILLIAMS
EARL WILSON — MATT WITZ
RON YOUNG — JOHNNY WOODRUFF
JENNIFER WATKINS — ROBERT TAYLOR
ZACH OXFORD — COREY JONES
KENNETH GARDNER — JEREMY CARLEY

SECOND UNIT

First Assistant Directors . . . . . TIM FITZGERALD
DREW WHITEHOUSE
CODY WILLIAMS
Key Second Assistant Director . . . . . KAYLEE JOHNSON
Directors of Photography . . . . . BRIAN PEARSON
NICO AGUILAR
Production Supervisor . . . . . RACHAEL LIN GALLAGHAN
Assistant Production Coordinator . . . . . OLIVIA GUDE
A Camera Operator . . . . . RYAN WOOD
A Camera First Assistants . . . . . MATT HEATH
IAN CAMPBELL
A Camera Second Assistants . . . . . PETER JOHNSON
DANIEL IRONS
B Camera Operators . . . . . DANNY ECKLER
KEITH PETERMAN
B Camera First Assistant . . . . . ROBERTO DELGADO
B Camera Second Assistant . . . . . RODELL FRANCIS
Digital Imaging Technicians . . . . . QAIS KARADSHEH
KEVIN COLBER
Digital Utility . . . . . LIZ METZ
KEVIN GASPAR
FREDERICK WYNN
Camera Loader . . . . . NATHANIEL POOSER
Second Second Assistant Director . . . . . RYAN PEZDIRC
Assistant Prop Master . . . . . MATTHEW MAHANY
Property Assistants . . . . . ZACH RAWLINSON
RYAN CROWLEY
BROOKE CLAUSEN
On-Set Dresser . . . . . KASHIEF MOBARA
On-Set Painters . . . . . DOUGLAS LEDERMAN
LARRY FARRIS
SFX Set Foreperson . . . . . CAIUS MAN

SFX Technicians

STEPHEN KNOTT — JEFF KNOTT
JOSH MITCHELL — CARLOS PARK
CHRIS JOHNSON — BRUCE MERLIN
EZRA GREENBRIDGE

Makeup Dept Head . . . . . ADAM WALLS
Makeup Artists . . . . . WILL ZUIDEMA
JESSICA CRAIG
KELSEY BOUTTE
TRUDIE STORCK
Chief Lighting Technicians . . . . . STEPHEN CROWLEY
JAMES THOMSEN
Assistant Chief Lighting Technicians . . . . . MIKE DAVIS
CHAD SCHROEDER
Lighting Console Programmers . . . . . RYAN REIGNER
HANNA MCGUGAN
Key Grips . . . . . BILL MERRILL
STEVEN SERNA
Best Boy Grips . . . . . TIM DRISCOLL
NEIL GORDON
Dolly Grips . . . . . CLAY CALDWELL
ANDREW RICE
Script Supervisors . . . . . JANINE GOSSELIN
LISA BLANCHAR
Transportation Captain . . . . . DAVID JACKSON
Key Craft Service . . . . . DANIEL GRAY
REGINALD SMITH
KRISTIN LAKES
CORTNEY MORRIS

Craft Service Assistants

CALDER MARRIA, JR — CHRISTOPHER FILLINGIM
EVAN ERNST — CORTNEY MORRIS
SHELLY SMITH — CALI HIGHES
MICHAEL SAMMOUR

Video Assist Operators . . . . . JORDAN ELEY
ANDREW WILLIAMS
JACOB MCCOY
KYLE JENKINS
Video Assist Utility . . . . . ZAKYRA COLVIN
Video Playback . . . . . CHRIS ADAMS
EVAN MCCLIMENT
Sound Mixers . . . . . PAUL KATZMAN
GRAHAM KICKLIGHTER

Boom Operators ..... MATT THOMPSON
BEN FARTHING
Hair Dept Heads ..... RENE WARNES
LOUISA ANTHONY
Hairstylist ..... DEE CALIPOLITTI

Set Lighting Technicians

JASON STATEN — WAYNE SWAB
SAM GABBARD — TITO HENRY
RALPH MAYORAL-PARRACIA — ALLISON CROWLEY
JOHNATHAN TERPSTRA — TRES JEFFERSON
LUIS ORTIZ-MORALES — JON TITUS
SEAN MEYER — MICHAEL GUMINSKI
DOUGLAS HARMES — STEVE BETOLATTI
DAN EMO — TIM RYAN
BRYAN KEENAN

Grips

ARIEL NIZNIK — NICOLE KNIGHT
WILL SHUSTER — CYNTHIA STIMPHILL
CHELO DE JESUS — VINNIE GANDOLFI
KELLY MARSHMAN — JOEL FERGUSON
JASON O'NEAL — DOM GOODIE
KIMANI RICHARDSON — MATTHEW GWYNNE
BRANDON BLACKLY — JAKE SIMMONS
PATRICK PIERRE — RAY SKINNER
BRAYDEN RICE

Production Assistants

MICHAEL O'LEARY — CALEB GORDON-KILGORE
CHELSEA DOBRUCKI — ALYSSA GOLDMAN
ANDREW CRANE — SANDRA YULIETH
JARON CLINKSCALES — RANDY BURNETTE
NATERIA BARBER — GARRETT SAMPSON
COURTNEY HALL — MALLARY BUNDY
MARTHA ANGER — MADDIE BRENT
GRANT PETRUCCI — JEFF DAVIS

ADDITIONAL PHOTOGRAPHY UNIT

First Assistant Director ..... DAVID WATERS
Key Second Assistant Directors ..... ROB HOFFMAN
SCOTT BROWN

Stunt Performers

TANNER BYLE — ALEX CHANSKY
JOHN CULLINS — CORY DEMEYERS
CRYSTAL HOOKS — THEO KYPRI

Second Second Assistant Director ..... CAMERON EVERSON
Additional Second Assistant Director ..... VICTORIA RUPERT
Script Supervisor ..... KIMI WEBBER
Supervising Art Director ..... DREW MONAHAN
Art Director ..... LIZ WEDDING
Digital Asset Manager ..... CLAIRE CARSWELL
Art Department Coordinator ..... NANCY KING
Production Supervisors ..... ADAM BAYLESS
JESSE MORRISON
Assistant Production Coordinators ..... JORDAN LAVELLE
CHRIS MCINTURFF
Apprentice Editor ..... JAMIR WHITE
Data Wrangler (Splinter Unit) ..... GARY SANCHEZ
Production Coordinator ..... JOE COLAVINCENZO
Travel Coordinator ..... REBECCA DRUMMOND
A Camera First Assistant ..... ANDY HOEHN
A Camera Second Assistant ..... BOBBY MCMAHAN
B Camera First Assistant ..... PAUL WOODS
B Camera Second Assistant ..... TONY FALLICO
B Camera Operator ..... JOE BLANKINSHIP
C Camera Operator ..... CHRIS FENNER
C Camera First Assistant ..... COLIN DURAN
C Camera Second Assistant ..... NICHOLE CASTRO
Camera Second Assistant (Splinter Unit) ..... BROCK BYRD
Loader ..... DANNA GARCIA
Camera Utility (Splinter Unit) ..... FRED WYNN
Camera Operator (Splinter Unit) ..... BILL SAXELBY
Camera First Assistant (Splinter Unit) ..... GREG IRWIN
DIT ..... JAZZ PIERCE
Camera Utility ..... NASSRIN ALIABADI
ALEC SMIRDOLO

Production Assistants

KELLY BALAGURCHIK — DEJOANE BOWMAN
DARRYL BYNEM — STEVEN CORRADO
REBEKAH COVEY — MARLOWE DITTRICH
SAM HURLEY — SHAYLA JACKSON
DORIEN JAEGAR — MATT JOHNSON
RICO LOAIZA — EDUARDO LOZANO
TRAVIS MEGUIRE — MALLORY PROST
RILEY O'DELL — DUSTIN RILEY
AARON SIMPSON — SALLIE SLEDD
PETER SWANSON — CHELSEA SOLOMON
CHRIS STYRON — NICOLE TIERNAN

SFX Foreperson ..... STEVE FICKE
SFX Technicians ..... ROY MARTINEZ
BISHOP WATTS
Set Decorator ..... MÓNICA MONSERRATE
Leadperson ..... JASON OLSON
Set Dec Coordinator ..... COURTNEY DEES

Core Dressers

COLTON COMANS — CHELSEA STAGGS
BEN COUCH — TAK MASUDA
JOHN BAYLES — ADAM KNYCH

Buyer ..... RACHEL BELL
On-Set Dresser ..... MATT BARR
On-Set Dresser (Splinter Unit) ..... DAKOTA HEATON
Key Grip ..... JACK CHOUCHANIAN
Best Boy Grip ..... RYAN KIRK
B Dolly Grip ..... COREY CORONA
C Dolly Grip ..... ROB MCFALL
Production Controller ..... RUDY COBLENTZ
Production Accountant ..... LINDSEY ELLIS
First Assistant Accountants ..... FERNANDO BENITEZ
MAXWELL KOVAL
Second Assistant Accountant ..... RAKELL GIBBENS
Accounts Payable Clerk ..... ALDANY DIAZ
SARAH OSTROFSKY
Payroll Accountant ..... KATLYN NEYLON
Payroll Assistant ..... ALEXIS CALDWELL
Payroll Clerk ..... BRETT MARR
Assistant Property Master ..... ERIC KAGAN
Property Assistants ..... LAURA LESTER
MICHAEL HEATH

Production Sound Mixer ..... MARCUS PETRUSKA
Boom Operator ..... LEO NASCA
Sound Utility..... KASHEED FRANCOIS
Video Assist Operators ..... ANDREW WILLIAMS
NOAH RASK

Grips

JENNIFER ASITIMBAY — DAVID GENIS
DYLAN GENIS — DAVID LEWIS
MIKE RICHARDSON — TAWAND SMITH
FRANKIE ZAMORA

Assistant Costume Designer..... KRISTINA TAYLOR
Costume Coordinator ..... STACIA P. CLARKE
Set Costumers ..... RIKI LECOTEY
JOCELYN WALKER
Costume Assistants ..... DWAYNE CORNELIUS
SKYLAR SANDERS
Costume Supervisor ..... LESLIE ACTON
Key Costumer..... ANDREW PATTERSON
Truck Costumer ..... MOLLY KAMRATH
Ager/Dyer ..... ANNE LEE
Extras Casting..... ALYSSA JACOBSON
Labor Foreperson ..... BRYCE ALLEN
On-Set Paint ..... ANGIE DOVER
Head Chef/Driver ..... JOSE LOPEZ
Cook Manager ..... KEN CARROLL
Catering Assistants..... ANGEL ADAN, JR
DANIEL OSORIO
CRISTIAN PADILLA
BRYAN REYES
Key Set Medic..... CECIL CHATMAN
Medic (Splinter Unit) ..... ELEASA MILANO
Location Manager..... DAVID WILLIAMS
Location Coordinator ..... DIANA ARDILA
Assistant Location Managers ..... JOSHUA ACOSTA
LUIS CORRALES
DARRIUS TUCKER
Location Assistants..... MARTIN AGUILAR
JENSEN CHAN
ETHAN COBB
Hairstylists..... JEROME ALLEN
DAYARA CALIPOLITTI
Makeup Artists..... JESSIE GAMBARDELLA
ADAM WALLS
On-Set Greens ..... CHARLIE TRIPPE
On-Set Construction (Splinter Unit)..... JEFF HOFFMAN
Craft Service Assistants..... SAMANTHA CUNNINGHAM
CHASE STAFFORD
Key Craft Service (Splinter Unit)..... ESMIRNA VALDEZ
Craft Service Assistant (Splinter Unit) ..... ORENTHAL PATTERSON
Transportation Captain..... CHARLES PICKARD
Picture Car Coordinator ..... JOSH FULLER
Picture Car Driver ..... ROBERT TWEEDELL
Picture Car Mechanic..... TROY FRENCH

MARVEL STUDIOS

Head of Business & Legal Affairs ..... DAVID GALLUZZI
VP Business & Legal Affairs ..... HILARY JAY
Senior Production Attorneys ..... GRACE HAERI
..... RYAN GLOVER
Production Attorney ..... MONIQUE CURRY
Credits Executive..... JEFF WILLIS
Credits Manager ..... JENNIFER GIANDALONE
Script Clearances Executive..... ERIKA DENTON
Clearances Manager ..... JENNIFER WOJNAR
Head of Production Finance ..... CHRIS MCCOMB
Production Finance Executives ..... MAX MCFARLAND
KATHY MATTES
KAREN CROSSLEY
MATT MONACO

Production Finance Managers

MIKE SMIGIELSKI — MADISON D. HEILMANN
DAVID C. ROMANO — JESSICA ALVAREZ
SHIRLEY HSIAO — SONIA RANDAZZO
AISTE ANKUDAVICIUTE

VP Security, Content Protection & Facilities... MATTHEW SLATOFF
VP Physical Production ..... TREVOR WATERSON
Physical Production Executive ..... MJ CABALLERO
Product Placement Executive..... JULIE A. KELLER
Physical Production Manager..... GRAHAM LAWYER
Story Manager ..... ANDREW REIBER
VP Visual Effects..... JEN UNDERDAHL
Visual Effects Executive..... GARY CARRILLO
Post Production Executive..... GISELLE JOHNSON
Music Executive..... FLETCHER BEASLEY
Post Production Manager ..... HEATHER BENNERS
VP Content Operations..... RANDY MCGOWAN
Content Operations Executive ..... EVA PRELLE DEBOSE
Localization & Mastering Executive ..... ROMANA SAMARITANI
Digital Operations Executive ..... BRYAN PARKER
Digital Asset Coordinator..... GLENN GARRIDO
VP Communications ..... ANGELA SHAW
Communications Manager ..... LAUREN PEREZ
VP Franchise Creative & Marketing..... DAVE BUSHORE
VP Franchise Creative & Marketing..... SARAH TRULY BEERS
Franchise Creative & Marketing Executive..... KRISTY AMORNKUL
Head of Unscripted Content..... JEFF REDMOND
Unscripted Executive..... LISA ZUSMER DELPRETE
Head of Technology..... EDDIE DRAKE
Production Technology Executive..... KATIE HINSEN
Production Technology Managers ..... MICHAEL MALONEY
KATIE MITCHELL
ANDREW NIELD
HR Business Partner Executive..... MAYERLING DIAZ-WILSON

Marvel Studios Parliament

STEPHEN BROUSSARD — NATE MOORE
JONATHAN SCHWARTZ — TRINH TRAN
BRAD WINDERBAUM

Marvel Studios Production & Development

SANA AMANAT
JENNA BERGER
MICHELE BLOOD
BRIAN CHAPEK
JENN COCCIMIGLIO
GRANT CURTIS
KYANA F. DAVIDSON
EMILIE FLEUETTE
RODERICK FLUCAS
EMILY FONG
BRIAN GAY
LAUREN GORALSKI
JILLIAN HENRY
WENDY JACOBSON
KELSEY LEW
MARY LIVANOS
ISHI METKAR
ZOIE NAGELHOUT
NICK PEPIN
JORDAN ROGERS
BOJAN VUCICEVIC
KEVIN R. WRIGHT

Marvel Studios Physical Production, Post Production, and Visual Effects

DIDI ASUZU
ALEXIS AUDITORE
DANNY BROWN
ANDREA FALSONE
BEN FROHMAN
ALEXANDRA HALE
RANDI JACKSON
BILLY JANG
ABHINAV KALAVAR
CHRISTOPHER MONROE
TAMARIN PANAMA
JACQUELYN RACINE
ANDREA REGINE REYES
TANISSA POTROVITZA SCHOEN

Marvel Studios Legal

RYAN POTTER
RACHEL VIGNEAUX
JANE BECKER
NIGEL GOODWIN
DANIEL LOPEZ
DANIEL STURM
MATTHEW GILBERT
ASHLEY J.M. JONES

Marvel Studios Finance and Accounting

ANDREA ARCHILA
WILL BJORHOLM
JENNY LYNN BURNETT
JEANNETTE CARDONA
VIC CHIN
SASITORN CHITRANIKROH
RANDELL GASKINS
DAVID HEFFLER
NATTAKARN KULLAMART
VANESSA LANDRY
JASON LEVINE
CHANDLER MARLIN
JOSE RODRIGUEZ-MORALES
MATT ROZZANA
MEL RAY SANDVIK
KELSEY SCHNEIDER
JAN S. UTSTEIN
RACHEL YOFFE

Marvel Studios Franchise Creative & Marketing

CAPRI T. CIULLA
DA'QUAN DAVIS
ADAM DAVIS
SOFIA FINAMORE
HAYLEY GAZDIK
IRIS LEE
DEREK LUMPKIN
NIKKI MONTES
JULIO PALACOL
JINAH PARK
JACQUELINE RYAN-RUDOLPH
ARIEL L. SHASTEEN
SUSAN WAWER

Marvel Studios Content Operations

JULIE BALDONADO-SMALLWOOD
TOBIAS BATES
KAREN CHEN
MATT DELMANOWSKI
JACINDA DOLWICK
VINCENT C. GARCIA
ALY GIRLING
KANDON HAYNES
ELI HOLMES
DARYN HOUSTON
ANIKA HUSSEN
PERCIVAL LANUZA
JILLIAN LARGOZA
ARNDREA LEWIS
SUSANA LOU
ASHLEY MATSUNAMI
LAUREN C. MEISENHEIMER
ANTHEA OBA
SABRINA SPARLIN
ANDREW STARBIN
JIM VELASCO
JON WEAVER

Marvel Studios Technology

HECTOR BARRERA
ALDO BIERY
VINCE CERUNDOLO
WILLIAM CHANDLER
CHRIS COSSEY
EMMA CUITINO
BENJAMIN DAVITT
KARTIK DEO
ALLYSON GEIGER
LUOWE GOANEH
JUERG GRIEDER
JJ HABENICHT
JACQUELINE HUTCHISON
HEAJUEN HWANG
NICHOLAS HYBL
BO KOMEN
GEORGE KOUSAROS
GILBERT LAUN
JUDY LIN
JORDAN MCBRIDE
LEELA NAVARRO
VINH NGUYEN
KARLA SILVA
KEVIN VENABLE
ISABELLE WARD
STEVE ZASLAVSKY

Marvel Studios Security, Content Protection, and Facilities

BARRY CURTIS
MAT DORNEY
MARC ZORN
ALECIA EMERSON-THOMAS
AMBER ZAZUCKI
PAYDEN EVANS
MADISON GREEN
MELISSA DAYAO
MARIA MATSARIDIS
JACOB BISSELL
ISAAC HUNTINGTON

Marvel Studios Costumes Team

WENDY CRAIG
DOUG MALLETTE
HUNTER CRAIG
CHRIS NEWLANDER
CORY PRATT
ROSS FLEMING
TY MILLER
MIKE MACFARLANE
DOMINICK DERASMO
BOB MOORE, JR.

Marvel Studios Plates Lab

CHRISTOPHER CHAPMAN
JOSH DAGG
MEGAN FLOOD
COLLIN PELTON
XAVIER ROMO
YEANN TAI

Echo Created by ..... DAVID MACK and JOE QUESADA

With Special Thanks To

ED BRISSON
KYLE CHARLES
STAN LEE
LUCA MARESCA
JIMMY PALMIOTTI
REBECCA ROANHORSE
JOHN ROMITA SR.
DAVE ROSS
GUILLERMO SANNA

WALT DISNEY STUDIOS

President, Marketing ..... ASAD AYAZ
EVP Marketing ..... FRANK CHIOCCHI
SVP Marketing ..... RYAN STANKEVICH
SVP Creative Advertising ..... JOHN "IBBY" IBSEN
SVP Digital Marketing ..... JESSICA INTIHAR
Head of Operations ..... RACHEL HUTTER
SVP Global Digital Studio Operations ..... DANIEL BAMSEY
Mastering Executive ..... ANDREW BRUTOCAO
VP Client Services ..... STEPHEN SWOFFORD
Sound Services Manager ..... DAWN BIRO
Projection Services Manager ..... SAL VALLETTA
Filmmaker Services Executive ..... SHANNON REID STEPHAN

Filmmaker Services

MADISON MERRITT
CHRISTOPHER ALLEN
NATALIE MANGIONE
JASMINE OSUNA

EVP Publicity ..... MICHELLE SEWELL
VP Publicity ..... KARA SPECTOR
VP Film Production Planning ..... MARYANN HUGHES

VP Technology Architecture . . . . . SHADI ALMASSIZADEH
VP Insights & Analytics . . . . . ERIK CROUTHAMEL
VP Sound Post Production. . . . . BRIAN SAUNDERS
Projection Engineering Supervisors. . . . . KENT PETERSON
MIKE SCHUBERT
Post Production Engineers . . . . . FRANCISCO J. PAREDES
MEGAN LUSK
VAN LUONG
STEPHANIE HAAS
SVP Global Partnerships. . . . . MINDY HAMILTON
Risk Management. . . . . MATT RUFFNER
JENNIFER DOMINGUEZ
Credit & Title Administration Executive. . . . . KIRK RINGBERG
Credit & Title Administration. . . . . JENIFER BETH KAPLAN
JON HOEVELER

Walt Disney Studios Marketing

MICHAEL IMPERATO
BRIAN MCKENNA
STEVE NUCHOLS
MICHAEL TRICE
BARBARA A. LANGE
RHONA NICI PARRY
DUSTIN SANDOVAL
LAUREN WRIGHT SOBEL

Avid Engineering

JEFFREY K. FU
BRENT KOETTER
STEPHEN POTTER
KIEL HUNT
GABRIEL B. LARA
IAN YOUNG

VISUALIZATION

Visualization by
THE THIRD FLOOR

Visualization Supervisors. . . . . BRI MEYER
JASON THIELEN
CAITLIN INZINNA
SCOTT HANKEL
Visualization Editors. . . . . ETHAN MANIQUIS
JASON M. HARVEY
Visualization Producer . . . . . ELIZABETH MONTES
Visualization Line Producers. . . . . BRETT GRISHAM
MEGAN HARGER
Visualization Production Manager . . . . . TANNER BRANDT
Visualization Coordinator. . . . . ALYSSA NICHELE ANDERSON
ASH MALONE

Asset Artists

CALVIN SHAWN TRAN
ERIK SHVEIMA
STEVEN SEYDEL
MARIA SERRANO
DOM LUKOW
MELANIE CELIS

Visualization Artists

LAZARO HERNANDEZ
SEBASTIAN ARIAS
DANIEL W. BARLOW
EDWARD PERRY SMITH
JOSHUA THOMAS OGLE
JAEHYUN YOO
DANIEL WIGGINS
KAZUNOBU SANO
JUSTIN FRAZIER
ELIZABETH LEE
ROY CUNNINGHAM
ISAAC RAMIREZ
JIAMIN KINO WU
STEPHANIE HIDALGO
NICHOLAS DUBOIS
DAVIES RUSHING
JORGE DE LA CADENA
HANNAH LEE
SKY SMOOT
ALEXANDER J. FRENCH
HECTOR AGUIRRE
ASHLEY TRAWICK
LOUIE MONTOTO
TIMOTHY N. TEAMER
JASON BURNS

Management

CHRISTOPHER EDWARDS
JEREMY ODDO
LAUREN MOORE
MARKUS RISTICH
KARA MISENHEIMER
DANE ALLAN SMITH
ALLIE KOPPEL
LAURA ZENTIL
KRISTINA LESIK

VISUAL EFFECTS AND ANIMATION

Visual Effects and Animation by
Industrial Light & Magic, a Lucasfilm Ltd. Company

VFX Supervisor. . . . . STEVEN GODFREY
Additional VFX Supervisors. . . . . IVAN BUSQUETS
TRISTAN MYLES
Associate VFX Supervisor. . . . . CHARMAINE CHAN
CG Supervisors. . . . . ROEL COUCKE
EDMUND KOLLOEN
MICHAEL WANG
2D Supervisors. . . . . RYAN DUTOUR
TOM WHITTINGTON
VFX Producer . . . . . JAMES SCHEMBRI
Production Managers . . . . . ANDREA HATHAZI
TABITHA WOODMAN
Line Producers. . . . . ROZALIND GREEN-INNES
AMANDINE GUTIERREZ
Animation Supervisors . . . . . ALEXANDER K. LEE
TED LISTER
VFX Executive Producer . . . . . JEANIE KING

Digital Artists

PHOEBE ACHONWA
AKSHITA AGGARWAL
HO KYUNG AHN
MAURICIO AMEZCUA ARREGUI
ESRA ARAL
FIORENZA BAGNARIOL
MIGUEL BILBAO
GABRIEL BLANCO
JASON BRADBURY
MICHAEL CASHMORE
JOSHUA CHAPPELL
JUNG YOUIL CHOI
HAN DANCE
SAMUAL DAWES
LAUREN DEGRAIN
JOSH DOWSETT
MARK EMANUELE
SONYA FAYZIEVA
ARIEL FLORES SILVA
MARTIN C. FURMAN
STEPHANIE GOLDBERG
JOHN GRESKO
ALEXANDER HA
SZE WING HO
DAFINA HRISTOVA
JAEMIN HWANG
JOE INGLIS
ELEANOR JACKSON
CHRISTOPHE JEUDY
YOHAN JOO
JOSEPH ADAMS
ALEXIS AGROTIS
JOSH AITKEN
JOSHUA ANTONIO
CALLUM ARMOUR
TOM BASKAYA
CLAIR BELLENS
ANDRE BOULET
FRANK CAMPOS
EDWARD CATLEY
COSMO Z. CHEN
CORINNE COWGILL
RHEA DARCH
MITCHELL DEEMING
ANA DOBRE
KATE EDGE
BIANCA FARQUHARSON
GERALD FEATHER
DAVID FRYLUND OTZEN
MARTA G. SOTODOSOS
CAITLIN GOREING
ADAM GRINT
GABRIEL HENNESSY
JASON HORLEY
SHIH-TING HUANG
MASASHI IMAGAWA
JADINE INGRAM
JACK JENKINS
SAM JOHNSTON
ALEN JOY

CHAITANYA KAPU
ABBIE KENNEDY
KRISTIAN KIRK
ZIJUN MA
MARVELYN MILAN
REZA MOUSAVI
BARTOSZ NAPIERALSKI
HILARY ORANGE
MARNIE PITTS
JENA QUIBEN
FELIPE RAMIREZ ZAMARRIPA
DIEGO REBELLO
MICHELLE REDMAN
OSWIN RODRIGUES
PHIL ROUSE
KIRDANA SAIRATHAN
TOBY SANDERSON
DAVID SERRANO
PRIYA SHORT
JESSICA SMITH
ALI TAHMASEBI
HANTONG TANG
ADAM TROWSE
FREDERICK VALLEE
TRACY VILLEDA
CHRIS WEST
PAUL WIENS
HOD WINTER
MARK S. WRIGHT
XIAOMENG YE
LASMA ZEIMULE
TOH ZIJING
JAMES KEEGAN
JACK KILYAN
AISTE LUKASEVICIUTE
CHIARA MASSARO
SANTIAGO MONTERO
AIDANA MURAT
KEN UGO OGBO
ALEXEI PACHOLUK
JACK QUIBEN
KEVIN RAKES
ANDREA RASTELLI
JOSE REDONDO
ANA RIVERA GARCIA
KIM KRISTIN ROTTMANN
ARINDAM ROY
DANNICAH SALAZAR
RENE SEGURA
JOY SHEPARD
KEITH A. SINTAY
DONNIE STEWART
ALBERT TAM
ALESSANDRA TOMASSI
MATTHEW TSAI
GUILLAUME VIEUGUE
SIAN WARREN
CHRISTOPHER WHITTLE
SYDNEY WILLIAMS
JOE WONG
RUI YANG
QIANLI YU
PINGPING ZHOU

Production

STEFANIE DESIRA
ALVARO FERNANDEZ GARRUDO
NICHOLAS LUM
ISABEL MARIA CAMPOS NEVES
JESSICA STEEN
MICHELLE WAN
JOSHUA EBANKS
HIKARI HOSHIKA
STEFANIE MATEI
JENNIFER SMITH
SAMUEL WALKER
QIANLI YU

Studio Operations and Technology

EMILY BLAND
JESSICA LOW
JESSICA SARGANT
PARNIKA TIWARI
LOUISE ESTEPHAN
ANTOINE MILLIEZ
ALVIN TAN
RICK YANG

Additional Visual Effects by
SDFX Studios

Additional Visual Effects by
YANNIX

Visual Effects by
LOLA

VFX Executive Producer . . . . . WILL ANDERSON
VFX Producer . . . . . KATHARINE MEADOWS
VFX Supervisor. . . . . TRENT CLAUS
EP/Supervisor. . . . . EDSON WILLIAMS
VF Coordinator. . . . . LAURA B. ABELLAN
Accounting . . . . . CARLOS MORENO

Digital Artists

BRIAN HAJEK
DAVID MYLES
TAKAHIDE NAKAMURA
MATT CORDERO
WEI-LING FU
JASON SCHAEFER
DAVID HERNANDEZ
SHANNONN ALCANTAR
MEGAN WHISENHUNT
ALLY HALL
ABBY HALL
KAYLEE HATFIELD
GREG MEADOWS
COREY LAISURE
CHRIS CABRERA
RUSSELL MACK
NATSUKO YAMASHITA
SUN LEE
SIMON DEIGHTON
ANDREW STUCHLIK
JACOB METCALF
RYAN E. MURPHY
SOPHIA STUEVEN
JAMES O'BRIEN
ANGELA WALSH
ANNIE WANG
ALEXANDER PAEN
BRIGETTE MARTINEZ

Visual Effects by
DIGITAL DOMAIN 3.0

VFX Supervisor. . . . . ALADINO DEBERT
VFX Producer . . . . . RYAN WILK

Supervisors and Production

ERIC M. BEAVER
LAUREL MONTGOMERY
ROB VIGORITO
DAVID AN
FRANCIS BAYARD
SRIDHAR EGA
VIJAY RANGU
AUBREY LADAN
MATTHEW WADE STOKES
DAVID LIU
ARDA UYSAL
KEN NELSON
JENNIFER AVERY
RAJASHEKAR BOLLARAM
ELEANOR MATTHEWS
LILIAN ROSE SMITH
NEHA SANDHU

Lead Artists and Digital Artists

CYNTHIA ARAGÓN TREVINO
ERIC COWAN
VENKAT GADDAMPALLY
MARION MAHU
TANNER OWEN
MURTHY PUTREVU
SRINIVAS REDDY VONTELA
EDMOND SMITH III
PAVAN SUTRAYE
EUGENE ANTSIFEROV
JOSH CLOS
NAVID DADGAR
RAFAEL ECHEGARAY
VICTOR UTKU GOCER
THOMAS HOZE
SYED HASSAM HUSSAIN JAFRI
PAUL KULIKOWSKI
NICHA KUMKEAW
RAPHAEL LEGROS
MATTHEW LUCAS
NICOLAS NDAME EBOSSE
CLARISSA PEÑA
YOANN SCHMID
TAMARA STONE
SUSIE THULLIEZ
JEREMY YEO-KHOO
SRIHARI REDDY AMUDAM
BALACHENDER ARROLLA
JOE CHIANG
JANET FREEDLAND
KISHOR JOSHI
JAYMIE MIGUEL
HAREESH POLA
HANUMANTHA RAO B
NAGUR SHAIKH
NELSON SOUSA
CHRIS WATKINS
RYAN BRIDGER
RAFAEL FRANCISCO COLON
MARIA DELGADILLO RICAUD
JORDAN FAST
JIM HATIBARUA
MANUEL HUERTAS MARCHENA
BRUNO KAWABATA
NEMA SAFVATI
SEUNG JAE LEE
ANDREW LEMA
PATRICK MANNING
MAXIME PELLETIER
ASHWIN SAREEN
SHRIVAS SHYAMSUNDAR
KRISZTIAN SZEIBOLD
JASON TRANETZKI
DENNIS DUHUI YOON
SUDHA SRINIVAS MUSUMURU

Visual Effects by
SOHO VFX

Visual Effects Supervisor ..... KEITH SELLERS
Compositing Supervisor..... DAN POWER
Lead Digital Artists..... JORGE RAZON
Visual Effects Producers ..... KELLY MCCARTHY
ALLAN MAGLED
Visual Effects Production Manager..... HAKYUNG CHANG
Visual Effects Production Coordinator..... YASMEEN TAYARA

Digital Artists

ALEJANDRO FRIAS-VASCONCELOS
ANDREW MAYNARD
ANSHAJ GOYAL
CHRISTOPHER CABRAL
DANIEL LUIZ CRUZ AZEVEDO
DANIEL HUNYOUNG CHOI
DANIEL LU
DANIEL ST-AMANT
DIVAK PRAJAPATI
DOMINIC PILEGGI
EVAN NANOU
FRANCESCO SUPPA
GERRY SURIO TJAHJONO
GRAHAM KARTNA
HAO-TING LIAO
JACOB PETRAKOS
JAMES ALBIEZ
JOSHUA KIYOSHI HUESTIS
JULIA TO
LUKAS HEUVEL
MANUEL KINAMBUTA
RUBEN I. SALAZAR
MATTHEW D'ORAZIO
NATALIE THORSLEY
NOAH MCLAUGHLIN
RISHABH PATEL
RUSHABH SHAH
SCOTT PATTON
SIDDHANT DHANDA
SUNNY WONG
TURENNE HUANG
VAMBERTO MADURO
VARUN KAMMANNI
VASISHT RAMACHANDRAN
VICTORIA DA SILVA

Visual Effects by
BASE FX

VFX Supervisors..... JARED SANDREW
WANG LEI
Production Managers ..... BRON BARRY
SHEENA ZHAO
Head of Production ..... SONIA NIU
Asset Supervisors ..... WANG XINGAN
HON WUI YAP
Effects Supervisor..... QIN YAN
Base FX Executive Producer ..... SHAD DAVIS
CEO ..... CHRIS BREMBLE
Production Coordinators ..... DENG KUN
LAUREN YIN
CG Supervisor..... JIA GUODONG

Artists

AN MING
CHANG ZHUANG
DENG HAONAN
DENG HONGJI
FENG DAN
GONG KE
GUO SHENGMING
HAN HUIQIN
HE SHUANG
HE XIAOMENG
HUANG HAORAN
KANG JIAN
LAVENDER YUAN
LI AOZHE
LI BIN
LIU HUIDAN
LU XIAOJING
MELODY LIU
NIU MINGLI
OU JUN
QIAO WENFA
SHI YANXING
SUN JIANWEI
SUN YULI
SUN ZE
WANG HAO
WANG JIABIN
WANG LU
WEI LIMEI
WU TIANGE
XU CHENGCHENG
YANG YANG
YIN SHUAI
ZHANG YUNFEI
LORCA ZHAO
NURUL BALKIS HAIRUL ANUAR
CEEJAY CHIN

Visual Effects by
BARNSTORM VFX

VFX Supervisor..... CHUN SEONG NG
VFX Producer ..... SUMIRE TAKAMATSU
CG Supervisor..... STEFAN SCHNEIDER
Compositing Supervisor..... MICHAEL CRANE
Executive VFX Supervisor..... LAWSON DEMING
Executive VFX Producer ..... CORY JAMIESON
Global Head of Production ..... CHAD HUDSON
VFX Production Manager..... KRISTINA LEE

Artists & Production Support

HONEY KHADEM
JAYRAJ KHARVADI
CLARA COULTER
NICK CHAMBERLAIN
ALEX YOUNG
BEN MCDOUGAL
ANTONIO CARBAJO BESCANSA
BRIAN HOBERT
MARC BONNEVIOT
KAREN HULSE
JACOB KUHNE
MARC BELL
JOE SALAZAR
KARTHIKEYAN KARUPPASAMY
RICK RAVENELL
ROBERT LAUGHLIN
SILSUNNY DSOUZA
JUAN FERRA
RALPH DE SOUZA
TAMARA MITCHELL
ANDREW STEIDTMANN
MICK REID
KA CHUN CHENG
AKKO SINN
MURIPALA SUNIL
KENNETH ARMSTRONG
WANDA KWOK
BILL PARKER
SANG MYEON PARK
MARCUS RUBONE
DAVE LADNER
MICHELLE PINARGOTE
TARYN FOSTER
BHARTI JOGIA-SATTAR
ERIK NELSON
JOSE ALEJANDRO ENRIQUEZ
VERONICA WANSTREET
DANIEL CORONA
JULIA PFEFFER
JUSTIN FOX
LAURA LEE
CAITLIN KNAPP
ASHISH RAISINGHANI
BETSY BINA
BENJAMIN CHENG
BRADFORD DAWSON
CHRIS MARTINEZ
NICO PUCCIARELLI
PRATEEK RANGINENI

Visual Effects by
SSVFX

VFX Supervisor..... ED BRUCE
VFX Associate Supervisor..... AMREI BRONNENMAYER
Head of 2D ..... ROBERT HARTIGAN
Compositing Lead ..... NIALL MOONEY
VFX Editor ..... SEAN HICKEY
Head of Technology..... GARVIN MCGOLDRICK
System Engineers ..... DANIELE PELLEGRINI
ELYWELTON DE OLIVEIRA LOPES
LUKE FRENCH
RUTH KERR
Studio Manager..... ELAINE DONOGHUE
VFX Producer ..... LAURA MCDOWALL

VFX Coordinator ..... KATIE REID
VFX Production Assistant..... EDIANE BRUM
Head of Studio..... NICHOLAS MURPHY
Head of Production ..... KENNETH COYNE
Pipeline TDs ..... CHLOE PIETTA
CHRISTIAN HEIN
KENDYLL HOGG
ROBERT THOMPSON
VALERII HUBA
Studio Coordinator..... DANIEL BRADY
Executive Team ..... JAKE WALSHE
HUBERT MONTAG
MURA O'BRYNE

Compositors

BEA MUSAT
CLARA PANDO
HRISTINA PATKOVA
LUCIA PARIS
SCOTT MULHOLLAND
LIDIA ROMERO MUNOZ
CLAIRE CUSACK
DANI PONS
IVAN GARCIA
ORIOL ARGULLOS
GORAN KJULAVKOVSKI
WILL SMITH

Visual Effects by
SDFX STUDIOS

Visual Effects Supervisor ..... GRANT LEE
Senior VFX Producer ..... MARK SIMONE
VFX Associate Line Producer..... KARI-LYN GRAVEL
Editors..... JESS JANSEN
GARRET HENRY
TD..... RYAN HIRSH

Production

KAIT BURNS
MAYUR SURESHRAO ADMANE
CHAITANYA ARUN GAUTAME
SIMRAN SARIF
RAYMOND BENJAMIN SEQUEIRA
MANISH WALMIKRAO MUDE
NITHISH GARLAPALLI
KAMAKHYA PRASAD SAHU
HAKIMUDDIN HUSAIN
SOUTRIK DEY
ASHISHKUMAR MISHRA
JAMIE KNOOP
DEO ASHISH
YOGESH KHEDKAR
VAISHALI GORADIA

Roto

AKSHAY KADAM
BHAVESH T. PATIL
RANJEET MADHUKAR PATIL
PRATIK DAS
SUMAN KUNDU
SUDHA NAIDU L
RUSHIKESH VEDPATHAK
WAGHMARE AWANTI ANNASAHEB
VAIBHAV JADHAV
OMKAR JADHAV
SUMED SALVE
SUKANTA KUMAR SWAIN
ABHILASH BABY
SURAJ SHINDE
ANKIT MISHRA
DHANANJAY PRAKASH MALUSARE
VAIBHAV DIGAMBAR KHAIRNAR
DHANANJAY RAJENDRA PATIL
RASMI RANJAN SAHOO
DASYAPU MADHU
ASHUTOSH SINGH
ANKIT KUMAR ASHOKKUMAR SHARMA
JAYENDRA PRAKASH JADHAV
SANKET GURAV
CHANDRASHILA LALIT MANSUKH
MAHESH SANTOSH BAGUL
SOMNATH J. KASAR
VAIBHAV GAIKWAD
ANIKET SHRIRAM GUJAR
SURYAWANSHI KAMLAKAR
HARMANDEEP SINGH
KAPIL CHHALOTRE
AMLESH KOSHTA
MANAGOVINDA SAHOO
CHETANKUMAR BALASAHEB SHEWALE
GOVIND RAJESH DAIYYA
KANTILAL DNYANESHWAR YEOLE
NILESH SANER
VIJAY YADAV

Paint

PRATIK BHAUSAHEB SHINDE
AMBADAS SHESHRAO KANGARE
PARAG RAJENDRA KAWALKAR
SUMIT PATIL
VINITA CHAUHAN
ANIKET SANJAY RELEKAR
RAVI KUMAR BHAGAT
ROHIT KUMAR SINGH
GAIKWAD RAHUL DATTA
KING KUMAR
MANGESH GOVIND GADEKAR
ARMAN MOHAMMAD AKHALAKH KHAN
GOVIND CHAUHAN
APURBA KUMBHAKAR
BIKRAM SINGH
ANANYA SHIVHARE
SRINIVAS POTTETI
VENUKUMAR DEVARKONDA
CHAVAN SHAM DINANATH
AKASH KUMAR SINGH
MANOJ KUMAR MARKAM
RAHUL ANANDA KUMBHAR
KAILASH KUMAWAT
PRAVESH BHOYAR
MOHAMMAD ABDUL WADOOD
SUDHIR KHANDEKAR
PINTU KUMAR
NILESH ASHOK JAGDALE
TUSHAR TULSIDAS BURSE
TIPU SULTAN
PRATEEK MISHRA
JAYANT RAMESH BHAVSAR
KAKADE AKSHAY BAPURAO
NIRAJ KUMAR
VISHAL D GORE
AJAY KUMAR PATEL
LAXMAN BHAGWANRAO DAFDAY
SUHAS PS
ESWARA CHANDRA TOKURI
ROHIT KHARADE
PANKAJ MADHUKAR UMBARKAR
SATISH AMBADAS WAKCHAURE
SUNIL KUMAR
MANISHKANT NARAYAN MEHTA
ABDULLA AJMAL AKHTER
MOHAMMAD AJAZ ALAM
SHIPRA SRIVASTAVA
SINGH SANJAY RAMRAJ

Compositing

YAEL MAJORS
DEREK TRACY
VILAS KANKUNTLA
ARJUN SAHAPURKAR
LEE MURRAY
HIMARAM MANDALI
MAYANK MEGHRAJ DAHEKAR
RISHABH KK WAL
SAURABH SANJAY JADHAV
SUYOG MORE
KUMAR ABHISHEK
VICTOR FERNANDEZ
PETER DOROSZ
SIVA NESAN
VRUSHABH H KUMBARE
MEGAN GRAHAM
VARDHAMAN PATIL
NAMAN GUPTA
GAURAV DHANDE
CHANDRASHEKHAR CHALLA
ADITYA MALWADE
SANTOSH KUMAR SINGH

Visual Effects by
CANTINA CREATIVE

Senior Creative..... STEPHEN LAWES
VFX Supervisor..... TONY LUPOI
Systems Engineer ..... DOUGLAS RENN
Cantina Creative Executive Producer..... DONNA CULLEN
VFX Coordinator ..... MADELEINE MCKEE
Office Manager ..... ADRIANA GONZALEZ

Artists

WES C. CAEFER
MATT EATON
NATE JESS
PALOMA SKY RODRIGUEZ
CARLY CERQUONE
ROBYN HADDOW
SAM RICHARDSON

Lidar & Cyber Scanning by
CLEAR ANGLE STUDIOS

NOAH PARADISO
SARAH GRIFFIE
JHOURDYNNE WINSTON
VALERIE WILSON
TRENT SIEBENTHAL
MELINDA DOBBS
JOSH WORKMAN
MEGAN CALAMUSA
KELLY PRESTON
NELSON MENDEZ
JOE WARNER
BRIAN LABREC

Main Titles by
SAROFSKY

Executive Creative ..... ERIN SAROFSKY
Creative Lead/Design & Animation .....STEFAN DRAHT
Titles Editor..... TOM PASTORELLE
Sarofsky Executive Producer..... STEVEN ANDERSON
Sarofsky Producer..... KELSEY HYNES

Design and Animation

ARIEL COSTA
JENS MEBES
JOÃO VAZ OLIVEIRA
ANDREI POPA
MATTHEW NOWAK
DAN MOORE
MOLLIE DAVIS

End Titles by
EXCEPTIONAL MINDS

VFX Studio Executive.....MICHAEL SCHMUECK
VFX Compositing Supervisor ..... BRETT MCCONNELL
Lead Title Artist ..... THOMAS HARMONSON
Lead VFX Artist..... ISAIAH STRUM

Post-Production Sound Services by
SKYWALKER SOUND
A Lucasfilm Ltd. Company – Marin County, California

Sound Designer..... JON BORLAND
Sound Effects Editors.....JESSEY DRAKE
TERESA ECKTON
Dialogue Editors ..... RYAN COTA
EMMA PRESENT
SHAUN FARLEY
DMITRI MAKAROV
ADR Editors.....MARILYN MCCOPPEN
CHERYL NARDI
Foley Editors..... DEE SELBY
IAN CHASE
Foley Artists ..... ANDREA STELTER GARD
SEAN ENGLAND
Foley Mixers ..... BONNIE WILD
CHRISTOPHER MANNING
Assistant Re-Recording Mixer..... DEREK MCGINLEY
Assistant Supervising Sound Editors ..... MICHAEL LEVINE
GREG PETERSON
Engineering Services..... AIDEN SMITH
Digital Editorial Support.....SCOTT THEAKSTON
Post Production Sound Accountant..... DANIELA PONTORIERO
Client Services ..... EVA PORTER
Sr. Manager, Studio Capacity .....CARRIE PERRY
Head of Production Finance & Planning..... MIKE PETERS
Head of Engineering ..... STEVE MORRIS
Head of Production .....JON NULL
General Manager .....JOSH LOWDEN

ADR Recorded at
THE WALT DISNEY STUDIOS – Burbank, CA

ADR Mixer ..... DOC KANE
ADR Recordists .....BRETT VOSS
DOUG PARKER

Sound Engineers

ANDY WINDERBAUM
DAN ABRAMS
RYAN ROBINSON
RYAN STERN
DANIEL TAPPAN
TREVOR WARD

Additional ADR
IGLOO MUSIC
SMART POST ATLANTA

ProADR Looping .....ML GEMMILL
BERNIE VAN DE YACHT

Loop Group

JOANNA DELANE
DAVID HECKEL
DAVID MICHIE
KAREN STRASSMAN
JASON LINERE WHITE
MEL FAIR
SANCHO MARTIN
JUSTIN SHENKAROW
SERGIO VILLALPANDO
RUTH ZALDUONDO

Digital Dailies Provided by
PICTURE SHOP ON LOCATION SERVICES

Dailies Colorist..... CORY PENNINGTON
Dailies Assists.....JERRELL SIMPSON
JOEY HILL
Sr. Color & Workflow Engineer .....CHRIS BRANDS
Dailies Engineer..... CHRIS GIUFFRIDA
Dailies Project Manager .....DENISE WOODGERD
Dailies Operations .....CHRIS VAN DUYN

Dailies Viewing Provided by
PIX

MUSIC

Executive Assistant to Mr. Jordan ..... AMANDA BEIR
Orchestrations..... TIMOTHY WILLIAMS
Conductors.....GOTTFRIED RABL
CHRISTOPHER GORDON
Contractors..... MARTON BARKA
ALEX HENERY
Choir Contractor.....ELIZABETH SCOTT
Choir ..... SYNCHRON STAGE CHOIR
Choirmaster .....ANNE ALT
Orchestra.....SYNCHRON STAGE ORCHESTRA
Pro Tools Engineer ..... JEFF GARTENBAUM
Pro Tools Operator ..... TRISTAN LINTON
Additional Mixing.....THOR FIENBERG
Score Mixer.....SCOTT MICHAEL SMITH
Score Mix Technician.....ALBERTO CRUZ

Scoring Engineers . . . . . MARTIN WEISMAYR
CRAIG BECKETT
Assistant Score Engineers . . . . . CHARLIE HOWE
ISAAC ROSS
Score Recorded at . . . . . SYNCHRON STAGE VIENNA
THE SIMON LEADLEY SCORING STAGE,
TRACKDOWN STUDIOS
Score Coordinator . . . . . ELAINE BECKETT
Stage Monitor Mixer . . . . . THOMAS BÖCK
Technical Manager . . . . . ROLAND TSCHERNE
Featured Choctaw Musicians . . . . . PRESLEY BYINGTON
GARRISON JOE
Music Preparation & Librarians . . . . . STEFAN HÖLL
SUGI SHIN
Music Librarian . . . . . CAROLYN BURKE
Music Preparation . . . . . ROSS DEROCHE
JONATHAN DEROCHE
Project Coordinator . . . . . ELIZABETH HOUSER
Music Coordinator . . . . . CHRISTIAN ZABALA
Music and Song Coordination . . . . ENCOMPASS MUSIC PARTNERS
Music Clearance and Legal Services . . . . . CHRISTINE BERGREN
ALEXA COLLAZO

Featured Choctaw Vocalists

BRENNER BILLY
BRYON BILLY
PHILIP BILLY
LISA JOHNSON-BILLY
ALISHA WILLIAMS
SETH FAIRCHILD

BURNING
Written by Brian Chase, Karen O, Nick Zinner,
Robert Gaudio, and Peggy Farina
Performed by Yeah Yeah Yeahs
Courtesy of Secretly Canadian

DREAMER
Written and Performed by Joyce Harris
Courtesy of Ace Copyrights Ltd (Cosmos Music)
By arrangement with Sweet On Top, LLC

DRAGULA
Written by Rob Zombie and Scott Humphrey
Performed by Rob Zombie
Courtesy of Geffen Records under license from
Universal Music Enterprises

NEW YORK MINUTE
Written by Don Henley, Jai Winding, and Danny Kortchmar
Performed by Don Henley
Courtesy of Geffen Records under license from
Universal Music Enterprises

WHEN WE REMAIN
Written by Samantha Jo Crain
Performed by Samantha Crain
Courtesy of Ramseur Records

VBA ISHT TALOA #121 (WATCHMAN, TELL US)
Traditional
Performed by Choctaw Nation
Courtesy of Choctaw Nation

FERAL LOVE
Written and Performed by Chelsea Wolfe
Courtesy of Sargent House
By Arrangement with Bank Robber Music, LLC

Soundtrack album available on
MARVEL MUSIC
HOLLYWOOD RECORDS

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Jhane Myers
Delbert Whetter

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Pond 5

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SOHONET

Camera equipment and lenses provided by
PANAVISION

Grip and lighting equipment provided by
MANHATTAN BEACH STUDIOS

Camera dollies provided by
CHAPMAN LEONARD

Filmed at
TRILITH STUDIOS

Drone Photography Provided by
ASCEND AERIALS

AVID equipment provided by
EPS CINEWORKS

Digital Projection Technology and
Managed Services provided by
CHRISTIE

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provided by the Government of Ireland

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Government of Ireland

With the participation of the Province of British Columbia
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American Humane monitored the animal action.
No animals were harmed®. (AH 11957)

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